COLLOIDS AND

Contents of Volume 139

(Abstracted/indexed in: Chemical Abstracts; Current Contents; Physical, Chemical & Earth Sciences; INSPEC; PASCAL/CNRS)

Vol. 139 No. 1

Formation and VDC about training of an all land sulfide about as	
Formation and XPS characterization of small lead sulfide clusters	
V.S. Gurin, K.N. Kasparov and E.A. Tyavlovskaya (Minsk, Belarus)	•
WZ. Lan, HG. Liu and KZ. Yang (Jinan, People's Republic of China)	
Rheology of water in crude oil emulsions	
N. Aomari, R. Gaudu (Talence, France), F. Cabioc'h (Plouzane, France) and A. Omari (Talence, France)	. 13
Fluorescence probing of mixed reverse micelles formed with AOT and nonionic surfactants in <i>n</i> -heptane	. 1.
D. Liu, J. Ma, H. Cheng and Z. Zhao (Beijing, China)	. 2:
The adsorption of a polysaccharide at the talc–aqueous solution interface	. 4.
P. Jenkins and J. Ralston (Adelaide, Australia)	. 2
Influence of ionic surfactants on separation of liquid-liquid dispersions	. 4
K. May, S.A.K. Jeelani and S. Hartland (Zurich, Switzerland)	. 41
Atomic force microscopy study of PBMA latex film formation: effects of carboxylated random copolymer	. 4.
YJ. Park, DY. Lee (Seoul, South Korea), M.C. Khew, C.C. Ho (Kuala Lumpur, Malaysia) and JH. Kim	
(Seoul, South Korea)(Seoul, South Korea); Mr.C. Knew, C.C. Ho (Kuala Lumput, Malaysia) and JH. Killi	. 49
AFM studies of interaction forces between surfaces in alcohol—water solutions	. 43
Y. Kanda, T. Nakamura and K. Higashitani (Kyoto, Japan)	. 55
Effects of salts and mixed CH ₃ CN-H ₂ O solvents on alkaline hydrolysis of phenyl benzoate in the presence of ionic	
micelles	
M. Niyaz Khan (Kuala Lumpur, Malaysia)	. 63
Conditioning characteristics of kaolin sludge with different cationic polyelectrolytes	0.
MC. Chang, HL. Lin, CL. Huang, YY. Wang and CC. Wan (Hsin Chu, Taiwan)	. 75
Fourier-transform laser Raman spectroscopy of adsorbed pyridine and nature of acid sites on calcined	/ -
phosphate/Zr(OH) ₄	
A.A.M. Ali and M.I. Zaki (Safat, Kuwait)	. 81
The treatment of a deposited lignite pyrolysis wastewater by adsorption using activated carbon and activated coke	01
A. Wießner, M. Remmler, P. Kuschk and U. Stottmeister (Leipzig, Germany)	. 91
Specific interactions between salicylate derivatives and cetylpyridinium chloride both at the silica/water interface	71
and in solution	
R. Bury, P. Favoriti and C. Treiner (Paris, France)	99
Preparation and hydrogen sorption of Pd nanoparticles on Al ₂ O ₃ pillared clays	,,
A. Szücs, Z. Király, F. Berger and I. Dékány (Szeged, Hungary)	109
71. Detect, 2. Milary, 1. Deliger and 1. Denairy (Deeged, Trangary)	10)
Book Review	119
Vol. 139 No. 2	
Grafted amylopectin: applications in flocculation	
S.K. Rath and R.P. Singh (Kharagpur, India)	129
Surface elasticity of oscillating spherical interfaces	
P Warszynski K-D Wantke and H Fruhner (Rerlin-Adlershof Germany)	137

Effect of hydrolysed metal cations on the liquid-liquid extraction of silica fines with cetyltrimethylammonium chloride	
E. Kusaka, Y. Kamata, Y. Fukunaka and Y. Nakahiro (Kyoto, Japan)	15
Structure and formation process of silica microparticles and monolithic gels prepared by the sol-gel method Ki. Kurumada, H. Nakabayashi, T. Murataki and M. Tanigaki (Kyoto, Japan)	
Evolution of size distributions of natural particles during aggregation: modelling versus field results O. Atteia (Neuchâtel, Switzerland)	
Compressibility and density of lipid bilayers composed of polyunsaturated phospholipids and cholesterol T. Hianik, M. Haburcák (Bratislava, Slovak Republic), K. Lohner, E. Prenner, F. Paltauf and A. Hermetter (Graz, Austria)	
Polyelectrolyte adsorption at the solid/liquid interface. Interaction forces and stability	
K.E. Bremmell, G.J. Jameson and S. Biggs (Callaghan, Australia)	199
Electric charge on small silicone oil droplets dispersed in ionic surfactant solutions	244
Y. Gu and D. Li (Edmonton, AB, Canada)	213
Surface energy distributions on silicoborate glasses	
F. Rubio, J. Rubio and J.L. Oteo (Madrid, Spain)	227
Effect of temperature on the ultrasonic properties of oil-in-water emulsions	
R. Chanamai, J.N. Coupland and D.J. McClements (Amherst, MA, USA)	241
Adsorption and excimer formation of 4-(1-pyrenyl)-butyltrimethylammonium bromide on non-porous silica nanoparticles in aqueous dispersions	
K. Nakashima, S. Yasuda (Saga, Japan), A. Nishihara and Y. Yamashita (Saitama, Japan)	251
Flocculation of cationic amylopectin starch and colloidal silicic acid. The effect of various kinds of salt	
A. Larsson and S. Wall (Göteborg, Sweden)	259
Vol. 139 No. 3	
Role of surface charge in deposition of filler particles onto pulp fibres	
S. Šutý and V. Lužáková (Bratislava, Slovak Republic)	271
Hydrothermal synthesis of aluminum bearing magnetite particles	
Y. Okano and T. Nakamura (Hiroshima, Japan)	279
Adsorption of poly(vinylimidazoles) onto silica surfaces	
B. Cabot (Besançon, France), A. Deratani (Montpellier, France) and A. Foissy (Besançon, France)	287
Wettability characteristics of treated aluminum surfaces	
M. Salou, S. Yamazaki, N. Nishimiya and K. Tsutsumi (Toyohashi, Japan)	299
Quaternary N-alkylaldonamide-brine-decane-alcohol systems. Part I: phase behaviour and microemulsions	211
F. Bastogne and C. David (Brussels, Belgium)	311
wave light scattering microscope method	
S. Tanimoto, K. Takahashi, H. Matsuoka and H. Yamaoka (Kyoto, Japan)	221
	321
Properties of anionic–cationic adsorption films D. Góralczyk and K. Kita (Kraków, Poland)	220
The precipitation of ferric phosphate on porous polymer	349
	225
E. Pierri and E. Dalas (Patras, Greece)	333
	241
H. Tanaka, T. Watanabe, M. Chikazawa (Tokyo, Japan), K. Kandori and T. Ishikawa (Osaka, Japan)	341
Do titanyl groups exist in titanium silicates? An experimental study	251
M. Crocker, R.H.M. Herold, B.G. Roosenbrand, K.A. Emeis and A.E. Wilson (Amsterdam, The Netherlands)	
Author Index	
Subject Index	
Volume contents	373

